

**DIPHENYLAMINE ALKYLATED WITH OLEFIN MIXTURES
CONTAINING FRACTIONS WITH VARYING DEGREES OF ACTIVITY**

ABSTRACT OF THE DISCLOSURE

5 Disclosed herein is a process for the preparation of alkylated diarylamines comprising adding to said diarylamine an olefin mixture containing highly reactive fractions, as well as fractions exhibiting a relatively lower chemical reactivity, in the presence of an acidic clay catalyst at a temperature low enough to prevent substantial deactivation of the catalyst until the addition is complete and then increasing the temperature to increase the alkylation rate of
10 the less reactive fractions.